

8-21-01

PTO/SB/05 (12/97)

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. SJO920000160US1 Total Pages 37

First Named Inventor or Application Identifier

Jeffery S. Lille

Express Mail Label No. EF243190143US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)2. ☒ Specification (Total Pages) 25  
(Preferred arrangement set forth below)

- Descriptive title of the Invention
- Cross References to Related Application
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)

3. ☒ Drawing(s) (35 USC 113) (Total Pages) 10

4. Oath or Declaration (Total Pages) 2

a. ☒ Newly executed (original or copy)b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation /divisional with Box 17 completed)i. ☐ **DELETION OF INVENTOR(S)**Signed statement attached deleting inventor(s) named  
in prior application, see 37 CFR 1.63(d)(2) and  
1.33(b).5. ☐ Incorporation by Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy  
of the oath or declaration is supplied under Box 4b is considered  
as being part of the disclosure of the accompanying application  
and is hereby incorporated by reference therein.6. ☐ Microfiche Computer Program (Appendix)7. Nucleotide and/or Amino Acid Sequence Submission (if applicable,  
all necessary)a. ☐ Computer Readable Copyb. ☐ Paper Copy (identical to computer copy)c. ☐ Statement verifying identity of above copies**ACCOMPANYING APPLICATION PARTS**8. ☒ Assignment Papers (cover sheet & document(s))9. ☐ 37 CFR 3.73(b) Statement ☒ Power of Attorney  
(when there is an assignee)10. ☐ English Translation Document (if applicable)11. ☒ Information Disclosure ☒ Copies of IDS  
Statement (IDS)/PTO-1449 Citations12. ☐ Preliminary Amendment13. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)14. ☐ Small Entity ☐ Statement filed in prior application,  
Statement(s) Status still proper and desired15. ☐ Certified Copy of Priority Document(s)  
if foreign priority is claimed16. ☒ Other: Express Mail Certificate

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:**18. CORRESPONDENCE ADDRESS**

- ☐ Customer Number or Bar Code Label \_\_\_\_\_  
☐ Or Correspondence address below

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**Assignee Name:** INTERNATIONAL BUSINESS MACHINES CORPORATION**Assignee Residence:** Armonk, New York

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<h2 style="margin: 0;">FEE TRANSMITTAL</h2> <p style="font-size: small; margin-top: 10px;">Note: Effective October 1, 1997. Patent fees are subject to annual revision.</p>		<b>Complete If Known</b>		
		Application Number	Not yet assigned	
		Filing Date	August 20, 2001	
		First Named Inventor	Jeffrey S. Lille	
		Group Art Unit		
		Examiner Name		
TOTAL AMOUNT OF PAYMENT		\$ 902	Attorney Docket Number	SJO920000160US1

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)																																																																																																																																																																																																																																																																																				
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number: <u>09-0466</u></p> <p>Deposit Account Name: <u>IBM CORPORATION</u></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17      <input type="checkbox"/> Charge the Issue Fee In 37 CFR at the Mailing of the Notice of Allowance</p> <p><input type="checkbox"/> Payment Enclosed:</p> <p style="padding-left: 20px;"><input type="checkbox"/> Check    <input type="checkbox"/> Money Order    <input type="checkbox"/> Other</p>	<p><b>3. 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101	710	201	355	Utility filing fee	710																																																																																																																																																																																																																																																																																
106	320	206	160	Design filing fee																																																																																																																																																																																																																																																																																	
107	490	207	245	Plant filing fee																																																																																																																																																																																																																																																																																	
108	710	208	355	Reissue filing fee																																																																																																																																																																																																																																																																																	
114	150	214	75	Provisional filing fee																																																																																																																																																																																																																																																																																	
<b>SUBTOTAL (1)</b> \$ 710																																																																																																																																																																																																																																																																																					
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103	18	203	9	Claims in excess of 20																																																																																																																																																																																																																																																																																	
102	80	202	40	Independent claims in excess of 3																																																																																																																																																																																																																																																																																	
104	270	204	135	Multiple dependent claim																																																																																																																																																																																																																																																																																	
109	80	209	40	Reissue independent claims over original patent																																																																																																																																																																																																																																																																																	
110	18	210	9	Reissue claims in excess of 20 and over original patent																																																																																																																																																																																																																																																																																	
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Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																																																																																																																		
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																																																																																																																																																	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																																																																																																																	
139	130	139	130	Non-English specification																																																																																																																																																																																																																																																																																	
147	2520	147	2520	For filing a request for reexamination																																																																																																																																																																																																																																																																																	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																																																																																																																	
113	1840*	113	1840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																																																																																																																	
115	110	215	55	Extension for reply within first month																																																																																																																																																																																																																																																																																	
116	390	216	195	Extension for reply within second month																																																																																																																																																																																																																																																																																	
117	890	217	445	Extension for reply within third month																																																																																																																																																																																																																																																																																	
118	1390	218	695	Extension for reply within fourth month																																																																																																																																																																																																																																																																																	
128	1890	228	945	Extension for reply within fifth month																																																																																																																																																																																																																																																																																	
119	310	219	155	Notice of Appeal																																																																																																																																																																																																																																																																																	
120	310	220	155	Filing a brief in support of an appeal																																																																																																																																																																																																																																																																																	
121	270	221	135	Request for oral hearing																																																																																																																																																																																																																																																																																	
138	1510	138	1510	Petition to institute a public use proceeding																																																																																																																																																																																																																																																																																	
140	110	240	55	Petition to revive - intentional																																																																																																																																																																																																																																																																																	
141	1240	241	620	Petition to revive - unintentional																																																																																																																																																																																																																																																																																	
142	1240	242	620	Utility issue fee																																																																																																																																																																																																																																																																																	
143	440	243	220	Design issue fee																																																																																																																																																																																																																																																																																	
144	600	244	300	Plant issue fee																																																																																																																																																																																																																																																																																	
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																																																																																																																																	
123	50	123	50	Petitions related to provisional applications																																																																																																																																																																																																																																																																																	
126	240	126	240	Submission of Information Disclosure Stmt																																																																																																																																																																																																																																																																																	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40																																																																																																																																																																																																																																																																																
146	710	246	355	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																																																																																																																																	
149	710	249	355	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																																																																																																																	
Other fee (specify) _____																																																																																																																																																																																																																																																																																					
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<b>SUBTOTAL (3)</b> 40																																																																																																																																																																																																																																																																																					

SUBMITTED BY				Complete (if applicable)	
Typed or Printed Name		Brian C. Kunzler		Reg. Number	38,527
Signature				Deposit Account User ID	
		Date	Aug 20, 2001		

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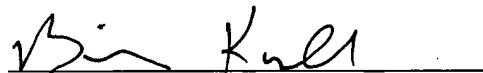
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Date of Deposit: August 20, 2001

I hereby certify that this patent application in the name of Jeffrey S. Lille for ELECTRO-THERMAL MICROMECHANICAL ACTUATOR FOR FINITELY POSITIONING A STORAGE DEVICE SLIDER AND METHODS OF USE AND MANUFACTURE, together with the drawings, a Declaration, Power of Attorney, and Petition, an Assignment and Recordation Form Cover Sheet, Information Disclosure Statement, PTO Form 1449, and Copies of Cited References are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above in an envelope addressed to Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231.

Respectfully submitted,



Brian C. Kunzler  
Reg. No. 38,527  
Attorney for Applicant

Date: August 20, 2001

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